

WHAT IS CLAIMED IS:

1. A terminal apparatus for decrypting encrypted data including content, comprising:

5 providing part configured to providing terminal-side item information;

a first memory part configured to receive and store operational rule information corresponding to a combination of title key and reproduction object inherent information, the title key being uniquely  
10 determined in accordance with the content, and the reproduction object inherent information restricting a reproduction object of content and including item information;

a second memory part configured to receive and  
15 store the encrypted content data encrypted based to on encryption key information generated from the title key and the reproduction object inherent information;

a decryption key generation unit configured to compare the item information with the terminal-side  
20 item information to judge a reproduction possibility of the encrypted content data, and generate a decryption key from the item information and the title key in accordance with the judgment, the item information being acquired from the operational rule information;  
25 and

a decryption unit configured to decrypt the content data based on the decryption key information.

2. The terminal apparatus according to claim 1,  
wherein the reproduction object inherent information  
includes any one of a limit item concerning the  
content, a restriction item restricting at least one of  
5 the terminal apparatus and an item inherent to a user.

3. The terminal apparatus according to claim 1,  
wherein the operational rule information contains a  
flag indicative of the operational rule information  
which is independent on the reproduction object  
10 inherent information.

4. A terminal for decrypting encrypted data  
including content, comprising:

providing part configure to provide terminal-side  
item information;

15 a first memory part configured to receive and  
store operational rule information corresponding to a  
combination of title key and encrypted keyword  
information, the title key being uniquely determined in  
accordance with the content, and the encrypted keyword  
20 information being encrypted based on reproduction  
object inherent information restricting a reproduction  
object of content and including item information;

a second memory part configured to receive and  
store the encrypted content data encrypted based to on  
25 encryption key information generated from the title key  
and the reproduction object inherent information;

a decryption key generation unit configured to

compare the key word information with the terminal-side  
item information to judge a reproduction possibility of  
the encrypted content data, and generate a decryption  
key from the item information and the title key in  
5 accordance with the judgment, the key word information  
being acquired from the operational rule information;  
and

a decryption unit configured to decrypt the  
content data based on the decryption key information.

10 5. The terminal apparatus according to claim 4,  
wherein the reproduction object inherent information  
includes any one of a limit item concerning a  
reproduction content, a restriction item which  
restricts the terminal apparatus and an item inherent  
15 to a user.

6. The terminal apparatus according to claim 4,  
wherein the operational rule information includes a  
flag indicative of the operational rule information  
which is independent on the reproduction object  
20 inherent information.

7. An encryption apparatus for encrypting content  
data, comprising:

a receiving portion configured to receive  
terminal-side item information from the outside of the  
25 apparatus;

a first generation portion configured to acquire a  
title key which is uniquely determined in accordance

with each content and the terminal-side item information and generates reproduction object inherent information which restricts a reproduction object of content;

5           a second generation portion configured to generate an encryption key information based on the title key. and the reproduction object inherent information;

          an encryption portion configured to encrypt the content data with utilizing the encryption key  
10          information to generate a encryption content file; and

          an output portion configured to generate an operational rule information file including the title key, and the reproduction object inherent information and outputs the operational rule information file.

15          8. The terminal apparatus according to claim 7, wherein the reproduction object inherent information includes any one of a limit item concerning a reproduction content, a restriction item which restricts the terminal apparatus and an item inherent  
20          to a user.

          9. An encryption apparatus according to claim 7, wherein a flag indicative of the encryption key information which is independent on the reproduction object inherent information is provided in the  
25          operational rule information file.

          10. An encryption apparatus for encrypting content data, comprising:

a receiving portion configured to receive terminal-side item information from the outside of the apparatus;

5 a first generation portion configured to acquire a title key which is uniquely determined in accordance with each content and the terminal-side item information and generates reproduction object inherent information which restricts a reproduction object of content;

10 a second generation portion configured to generate encryption key information based on the title key and the reproduction object inherent information, and generates encrypted keyword information obtained by encrypting the encryption key information based on the reproduction object inherent information;

15

an encryption portion configured to encrypt the content data with utilizing the encryption key information to generate a encrypted content file; and

20 an output portion configured to generate an operational rule information file including the title key, and the encrypted keyword information.

25 11. The terminal apparatus according to claim 10, wherein the reproduction object inherent information includes any one of a limit item concerning a reproduction content, a restriction item which restricts the terminal apparatus and an item inherent to a user.

12. The encryption apparatus according to claim 10, wherein a flag indicative of the encryption key information which is independent on the reproduction object inherent information is provided in the operational rule information.

13. A method of decrypting encrypted data including content, comprising:

preparing terminal-side item information;

receiving and storing operational rule information corresponding to a combination of title key and reproduction object inherent information, the title key being uniquely determined in accordance with the content, and the reproduction object inherent information restricting a reproduction object of content and including item information;

receiving and storing the encrypted content data encrypted based to on encryption key information generated from the title key and the reproduction object inherent information;

comparing the item information with the terminal-side item information to judge a reproduction possibility of the encrypted content data, and generating a decryption key from the item information and the title key in accordance with the judgment, the item information being acquired from the operational rule information; and

decrypting the content data based on the

decryption key information.

14. The method according to claim 13, wherein  
the reproduction object inherent information includes  
any one of a limit item concerning the content, a  
5 restriction item restricting at least one of the  
terminal and an item inherent to a user.

15. The method according to claim 13, wherein  
the operational rule information contains a flag  
indicative of the operational rule information which is  
10 independent on the reproduction object inherent  
information.

16. A method of decrypting encrypted data  
including content, comprising:

providing terminal-side item information;  
15 receiving and storing operational rule information  
corresponding to a combination of title key and  
encrypted keyword information, the title key being  
uniquely determined in accordance with the content, and  
the encrypted keyword information being encrypted based  
20 on reproduction object inherent information restricting  
a reproduction object of content and including item  
information;

receiving and storing the encrypted content data  
encrypted based to on encryption key information  
25 generated from the title key and the reproduction  
object inherent information;

comparing the key word information with the

terminal-side item information to judge a reproduction  
possibility of the encrypted content data, and  
generating a decryption key from the item information  
and the title key in accordance with the judgment, the  
5 key word information being acquired from the  
operational rule information; and

decrypted the content data based on the  
decryption key information.

17. The method according to claim 16, wherein the  
10 reproduction object inherent information includes any  
one of a limit item concerning a reproduction content,  
a restriction item which restricts the terminal  
apparatus and an item inherent to a user.

18. The method according to claim 16, wherein the  
15 operational rule information includes a flag indicative  
of the operational rule information which is  
independent on the reproduction object inherent  
information.

19. An encryption method of encrypting content  
20 data, comprising:

receiving terminal-side item information from the  
outside;

acquiring a title key which is uniquely determined  
in accordance with each content and the terminal-side  
25 item information and generating reproduction object  
inherent information which restricts a reproduction  
object of content;



generating an encryption key information based on the title key and the reproduction object inherent information;

5        encrypting the content data with utilizing the encryption key information to generate a encryption content file; and

10        generating a operational rule information file including the title key, and the reproduction object inherent information and outputs the operational rule information file.

20.    The encryption method according to claim 19, wherein the reproduction object inherent information includes any one of a limit item concerning a reproduction content, a restriction item which  
15        restricts the terminal apparatus and an item inherent to a user.

21.    The encryption method according to claim 19, wherein a flag indicative of the encryption key information which is independent on the reproduction  
20        object inherent information is provided in the operational rule information file.

22.    An encryption method of encrypting content data, comprising:

25        receiving terminal-side item information from the outside;

         acquiring a title key which is uniquely determined in accordance with each content and the terminal-side

item information and generating reproduction object  
inherent information which restricts a reproduction  
object of content;

generating encryption key information based on the  
5 title key and the reproduction object inherent infor-  
mation, and generating encrypted keyword information  
obtained by encrypting the encryption key information  
based on the reproduction inherent information;

encrypting the content data with utilizing the  
10 encryption key information; and

generating an operational rule information file  
including the title key, and the encrypted keyword  
information and outputting the operational rule  
information file.

15 23. The encryption method according to claim 22,  
wherein the reproduction object inherent information  
includes any one of a limit item concerning a  
reproduction content, a restriction item which  
restricts the terminal apparatus and an item inherent  
20 to a user.

24. The encryption method according to claim 23,  
wherein a flag indicative of the encryption key  
information which is independent on the reproduction  
object inherent information is provided in the  
25 operational rule information file.